

**Amendments to the Claims**

Please cancel all claims not already cancelled in the application, i.e., claims 1-4, 7-9 and 15-17. Please add new claims 37-49 as shown in the Listing of Claims below.

**Listing of Claims**

1-36. Cancelled.

37. (New) A fusion protein consisting essentially of:
- a) the *P. shermanii* transcarboxylase domain (PSTCD) peptide of SEQ ID NO:2; and
  - b) a polypeptide of interest.
38. (New) The fusion protein of claim 37, wherein said PSTCD peptide of SEQ ID NO:2 is joined directly to the C-terminal end of said polypeptide of interest.
39. (New) The fusion protein of either claim 37 or claim 38, further comprising a leader sequence that promotes the secretion of said fusion protein from a mammalian host cell.
40. (New) The fusion protein of either claim 37 or claim 38, wherein said PSTCD peptide of SEQ ID NO:2 is joined directly to the C-terminal end of a polypeptide with a leader sequence that promotes secretion from a mammalian host cell.
41. (New) A fusion protein consisting essentially of:
- a) a PSTCD polypeptide selected from either the full length PSTCD domain of SEQ ID NO:1, or a portion of the PSTCD domain which:
    - i) includes the lysine at position 36 in SEQ ID NO:2;
    - ii) is at least 63 amino acids in length from the C-terminus as shown in SEQ ID NO:2; and

Novelty: C-terminus  
analytical method?  
but it's not in the  
claims. 37.

peptide of interest

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Cancelled

iii) undergoes biotinylation when expressed in a host cell; and

b) a viral surface protein

42. (New) The fusion protein of claim 41, wherein said PSTCD polypeptide is the full length peptide of SEQ ID NO:1.
43. (New) The fusion protein of claim 41, wherein said PSTCD polypeptide is a portion of the PSTCD domain which:
- a) includes the lysine at position 36 in SEQ ID NO:2;
  - b) is at least 63 amino acids in length from the C-terminus as shown in SEQ ID NO:2; and
  - c) undergoes biotinylation when expressed in a host cell.
44. (New) The fusion protein of claim 41, wherein said PSTCD polypeptide has the sequence of SEQ ID NO:2.
45. (New) The fusion protein of claims 42-44, further comprising a leader sequence that promotes the secretion of said fusion protein from a mammalian host cell.
46. (New) The fusion protein of any one of claims 42-44, wherein said PSTCD polypeptide is joined directly to the C-terminal end of a polypeptide with a leader sequence that promotes secretion from a mammalian host cell.
47. (New) The fusion protein of any one of claims 42-44, wherein said viral surface protein is the fiber protein of adenovirus.
48. (New) The fusion protein of claim 47, further comprising a leader sequence that promotes the secretion of said fusion protein from a host cell.

49. (New) The fusion protein of claim 48, wherein said PSTCD polypeptide is joined directly to the C-terminal end of a polypeptide with a leader sequence that promotes secretion from a mammalian host cell.